

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Original) A method of inducing lethal hypersensitive response in tropical soda apple plants comprising the steps of:

- (a) obtaining an inoculation suspension comprising Tobacco Mild Green Mosaic Virus;
- (b) applying said inoculation suspension to a few leaves of the tropical soda plant by manual inoculation.

2. (Original) The method of claim 1 wherein said inoculation suspension includes a buffer and water.

3. (Original) The method of claim 2, wherein the buffer is sodium phosphate.

4. (Currently Amended) The method of claim 2, wherein said obtaining step comprises extracting the Tobacco Mild Green Mosaic Virus from ~~host plant tissue~~ of a host plant in water; filtering the extraction; and freezing the filtered extraction.

5. (Currently Amended) The method of claim 4, wherein said host plant is a tobacco plant susceptible to the Tobacco Mild Green Mosaic Virus.

6. (Original) The method of claim 5, wherein said tobacco plant is *Nicotiana tabacum*.

7. (Original) The method of claim 4, wherein said extracting step comprises harvesting host plant tissue and placing the tissue in the water in a blender.

8. (Currently Amended) The method of claim 4, wherein the obtaining step further comprises the step of diluting the extraction with the buffer prior to application on the tropical soda apple plants leaves.

9. (Original) The method of claim 1 wherein said manual inoculation is performed using cheesecloth.

10. (Original) A method of inducing lethal hypersensitive response in tropical soda apple plants comprising the steps of:

- (a) obtaining an inoculation suspension comprising Tobacco Mild Green Mosaic Virus;
- (b) applying said inoculation suspension to a few leaves of the tropical soda plant by spray application.

11. (Original) The method of claim 10 wherein said inoculation suspension includes a buffer and water.

12. (Original) The method of claim 11, wherein the buffer is sodium phosphate.

13. (Currently Amended) The method of claim 11, wherein said obtaining step comprises extracting the Tobacco Mild Green Mosaic Virus from host plant tissue of a host plant in water; filtering the extraction; and freezing the filtered extraction.

14. (Currently Amended) The method of claim 13, wherein said host plant is a tobacco plant susceptible to the Tobacco Mild Green Mosaic Virus.

15. (Original) The method of claim 13, wherein said tobacco plant is *Nicotiana tabacum*.

16. (Currently Amended) The method of claim 13, wherein said extracting step comprises harvesting host plant tissue and placing the tissue in the water in a blender.

17. (Currently Amended) The method of claim 13, wherein the obtaining step further comprises the step of diluting the extraction with the buffer prior to application on the tropical soda apple plants leaves.

18. (Original) The method of claim 10, wherein the spray application is provided at a pressure of 400 p.s.i. or greater.

19. (Original) The method of claim 18, wherein said spray application is provided by a sprayer that is operated from a vehicle.

20. (Currently Amended) The method of claim 19, further comprising the step of injuring the tropical soda plants leaves prior to applying said inoculation suspension.

21. (Withdrawn - Currently Amended) The method of claim 20, wherein said injuring the tropical soda plants leaves comprises mowing the plants.

22. (Withdrawn -- Currently Amended) The method of claim 20, wherein said injuring the tropical soda plants leaves comprises dragging a chain-link fence over the plants.

23. (Currently Amended) The method of claim 20, wherein said injuring the tropical soda plants leaves comprises dragging a carpet over the plants.

24. (Original) The method of claim 10, wherein the spray application is provided at a pressure of 400 p.s.i. or less.

25. (Original) The method of claim 24, wherein the spray application is provided at a pressure of between 20 and 100 p.s.i.

26. (Original) The method of claim 24, wherein said spray application is provided by a sprayer that is operated from a vehicle.

27. (Original) The method of claim 24, wherein said spray application is provided at a pressure of 20 p.s.i. or less.

28. (Currently Amended) The method of claim 27, wherein said spray application is provided by a backpack sprayer.

29. (Currently Amended) The method of claim 28, further comprising the step of injuring the tropical soda plants leaves prior to applying said inoculation suspension.

30. (Withdrawn – Currently Amended) The method of claim 29, wherein said injuring the tropical soda plants leaves comprises mowing the plants.

31. (Withdrawn – Currently Amended) The method of claim 29, wherein said injuring the tropical soda plants leaves comprises dragging a chain-link fence over the plants.

32. (Currently Amended) The method of claim 29, wherein said injuring the tropical soda plants leaves comprises dragging a carpet over the plants.